INSTYTUT TECHNOLOGII DREWNA
WOOD TECHNOLOGY INSTITUTE • INSTITUT FÜR HOLZTECHNOLOGIE • INSTITUT DE TECHNOLOGIE DU BOIS
WINIARSKA 1 • 60-654 POZNAŃ – POLAND • phone: +48 61 849-24-00 • fax: +48 61 822-43-72
e-mail: office@itd.poznan.pl • http://www.itd.poznan.pl
Notified Body N° 1583

Poznań, 19th June 2015

Reaction to fire classification report

1 Introduction

This classification report defines the classification assigned to the linoleum flooring on jute backing named "Linoleum Conductive xf^2 2.5mm" glued on incombustible support of 8mm thick fibre-cement board with MAPEI Ultrabond Eco V4 SP Conductive adhesive, in accordance with the procedures given in PN-EN 13501-1+A1:2010 [EN 13501-1:2007+A1:2009].

CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH PN-EN 13501-1+A1:2010

Sponsor:	Tarkett S.p.A. Strada Sant'Anna 6 05035 Narni Scalo (TR) Italy
Prepared by:	Wood Technology Institute (Instytut Technologii Drewna) ul. Winiarska 1 60-654 Poznań Poland
Notified Body No	1583
Product name:	linoleum flooring on jute backing named "Linoleum Conductive xf^2 2.5mm" glued on incombustible support of 8mm thick fibre-cement board
Classification report No.:	17/2015
Issue number:	1
Date of issue:	19th June 2015

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2 Details of classified product

2.1 General

The product, linoleum flooring on jute backing named "Linoleum Conductive xf^2 2.5mm" glued on incombustible support of 8mm thick fibre-cement board, is defined as a flooring.

2.2 Product description

The product, linoleum flooring on jute backing named "Linoleum Conductive xf^2 2.5mm" glued on incombustible support of 8mm thick fibre-cement board, is described below or is described in the reports provided in support of classification listed in 3.1.

Total thickness of the product: 2.50 mm. Surface finish: xf^2 – polyurethane-based surface treatment.

3 Reports and results in support of this classification

3.1 Reports

Name of Laboratory	Name of sponsor	Report ref. no.	Test method and date Field of application rules and date
Wood, Wood-Based Materials, Packaging, Furniture, Wooden Constructions and Woodworking Machines Testing Laboratory of Wood Technology Institute in Poznań	Tarkett S.p.A. Strada Sant'Anna 6 05035 Narni Scalo (TR) Italy	1198/2015/S.K record no. 1/1198/2015/S.K	EN ISO 9239-1 (radiant heat source method) 20th May, 16th June 2015 direct application
Wood, Wood-Based Materials, Packaging, Furniture, Wooden Constructions and Woodworking Machines Testing Laboratory of Wood Technology Institute in Poznań	Tarkett S.p.A. Strada Sant'Anna 6 05035 Narni Scalo (TR) Italy	1198/2015/S.K record no. 2/1198/2015/S.K	EN ISO 11925-2 (direct impingement of single flame method) 11th June 2015 direct application

3.2 Results

Test method and test number	Parameter	No. Tests	Results	
			Continuous parameter – mean (m)	Compliance with parameters
EN ISO 9239-1 (radiant heat source method) A-1198-BOŚ/2015/6K	Critical heat flux (kW/m^2)	3	7.31	(–)
	Smoke production (%·min)		50.31	(–)
EN ISO 11925-2 (direct impingement of single flame method) Exposure time: 15 s A-1198-BOŚ/2015/7K	The flame spread $F_S \leq 150$ mm within 20 s from the time of application	6	(–)	YES

(–):not applicable

4 Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with PN-EN 13501-1+A1:2010.

4.2 Classification

The product, linoleum flooring on jute backing named "Linoleum Conductive xf^2 2.5mm" glued on incombustible support of 8mm thick fibre-cement board with MAPEI Ultrabond Eco V4 SP Conductive adhesive, in relation to its reaction to fire behaviour is classified:

C_{fl}

The additional classification in relation to smoke production is:

s1

The format of the reaction to fire classification for floorings is:

Fire behaviour		Smoke production	
C_{fl}	-	s	1

ie.: **C_{fl}-s1**

Reaction to fire classification: C_{fl}-s1

4.3 Field of application

This classification is valid for the following product parameters:

- Total thickness: 2.50 mm
- Surface finish: xf^2 – polyurethane-based surface treatment

(Test report no. 1198/2015/S.K of 19th June 2015)

This classification is valid for the following end use applications:

- The product glued with MAPEI Ultrabond Eco V4 SP Conductive adhesive on floorings or bases of reaction to fire classes A1 or A2-s1,d0.
- The product used in a horizontal position with the exposed side up.

5 Limitations

This classification document does not represent type approval or certification of the product.

This document is valid provided that neither the composition nor production technology of the product are changed, but not longer than until **19th June 2020**.

SIGNED
Jacek Pawłowski, M.Sc.

Jacek Pawłowski

APPROVED
Dr Hanna Wróblewska,
Prof. of Wood Technology Institute

KIEROWNIK
Sekcji Badań Palności
dr Hanna Wróblewska